PTO/SB/08A (08-03)
Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid MB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE

Sheet

STATEMENT BY APPLICANT
(Use as many sheets as necessary)

Cor	mplete if Known	
Application Number	10/620,116	
Filing Date	July 15, 2003	
First Named Inventor	Eric J. Horvitz	
Art Unit	Unknown	
Examiner Name	Unknown	
Attorney Docket Number	MS127735.2/MSFTP263USA	

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (f trained)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
IW		US- 5,864,848	01-26-1999	Horvitz	
IW		<sup>US-</sup> 5,634,084	05-27-1997	Malsheen, et al.	
IW		US- 5,907,839	05-25-1999	Roth	
IW		<sup>US-</sup> 5,950,187	09-07-1999	Tsuda	
IW		<sup>US-</sup> 6,021,403	02-01-2000	Horvitz	
IW		<sup>US-</sup> 6,067,565	01-15-1998	Horvitz	
IW	ļ	us- 6,182,059	01-30-2001	Angotti, et al.	
IW		<sup>US-</sup> 6,192,360	02-20-2001	Dumais, et al.	
IW		US- 6,327,581	12-04-2001	Platt	
IW		US- 6,411,930	06-25-2002	Burges	
IW		US- US-2002/0002450	01-2002	Nunberg, et al.	
IW		<sup>US-</sup> 09/007,894	01-15-1998	Horvitz	
		<sup>US-</sup> 09/055,477	04-06-1998	Platt	
		US-			
		US-			
		US-			
	1	US-			
***************************************	ĺ	US-			
		US-			

		FOREI	<b>GN PATENT DOCU</b>	MENTS		
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>3</sup> (# known)	MM-DD-YYYY		Or Relevant Figures Appear	T
-						<u> </u>
						L
	<u> </u>					
	†					
	<del>                                     </del>					

		Date	
Examiner			
Signature	/Isaac Woo/	Considered	08/03/2006
	, 15220 11007		00/03/2000

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*Applicant's unique citation designation number (optional). \*See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. \*Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 If possible. \*Applicant is to place a check mark here if English language

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (end by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

	U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Linder the Panerwork Reduction Act of 1995, no persons are required to respond	t to a collection of Information unless it contains a valid OMB control number

Substitut	te for form 1449/PTO		<u> </u>		Compl te if Known
00000				Applicati n Number	10/620,116
INFO	ORMATION	N DIS	CLOSURE	Filing Date	July 15, 2003
STA	TEMENT	BY A	PPLICANT	First Named Inventor	Eric J. Horvitz
	(Use as many sh			Art Unit	Unknown
	(Use as many sn	10612 92 11	acessary)	Examiner Name	Unknown
Sheet	2	of	3	Attorney Docket Number	MS127735.2/MSFTP263USA

	1	NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
IW		J. BREESE, et al., Empirical Analysis of Predictive Algorithms for Collaborative Filtering, in Proceedings of the 14th Conference on Uncertainty in Artificial Intelligence, 1998, pp. 43-52, AUAI, Morgan Kaufmann, San Francisco	
IW		M. CZERWINSKI, et al., Visualizing Implicit Queries for Information Management and Retrieval, in Proceedings of CHI'99, ACM SIGCHI Conference on Human Factors in Computing Systems, 1999, pp. 560-567, Ass'n for Computing Machinery, Pittsburgh, PA	
IW		S. DUMAIS, et al., Inductive Learning Algorithms and Representations for Text Categorization, in Proceedings of the 7th Internat'l. Conference on Information and Knowledge Mgmt., 1998, pp. 148-155, Ass'n. for Computing Machinery, ACM Press, NY	
IW		E. HORVITZ, Principles of Mixed-Initiative User Interfaces, in Proceedings of CHI'99, ACM SIGCH Conference on Human Factors in Computing Systems, 1999, pp. 159-166, Ass'n. for Computing Machinery, Pittsburgh, PA	
IW		E. HORVITZ, et al., Display of Information for Time-Critical Decision Making, in Proceedings of the 11th Conference on Uncertainty in Artificial Intelligence, 1995, pp. 296-305, Montreal, Canada, Morgan Kaufmann, San Francisco	
IW		E. HORVITZ, et al., The Lumiere Project: Bayesian Use Modeling for Inferring the Goals and Needs of Software Users, in Proceedings of the 14th Conference on Uncertaintly in Artificial Intelligence, 1998, pp. 256-265, Morgan Kaufmann, San Francisco	
IW		E. HORVITZ, et al., Time-Dependent Utility and Action Under Uncertainty, in Proceedings of the 7th Conference on Uncertainty in Artificial Intelligence, 1991, pp. 151-158. Morgan Kaufmann, San Francisco	
IW		E. HORVITZ, et al., Time-Critical Action: Representations and Application, in Proceedings of the 13th Conference on Uncertainty in Artificial Intelligence (UAI'97), 1997, pp. 250-257, Providence, RI, Morgan Kaufmann, San Francisco	
D. KOLLER, et al., Toward Optimal Feature Selection, in Proceedings of the 13th Conference on Machine Learning, 1996, pp. 284-292, Morgan Kaufmann, San Francisco			
IW		H. LIEBERMAN, An Agent That Assist Web Browsing, in Proceedings of IJCAI-95, 1995, Montreal, Canada, Morgan Kaufmann, San Francisco	

Examiner		Date	
Signature	/Isaac Woo/	Considered	08/03/2006

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy or this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08B (08-03)

Approved for use through 07/31/2005. OMB 0551-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

			of 1995, no persons ar	Complete if Known			
Substitut	e for form 1449/PTC	,		Applicati n Number	10/620,116		
INFO	ORMATIO	N DIS	CLOSURE	Filing Date	July 15, 2003		
STA	STATEMENT BY APPLICANT			First Named Inventor	Eric J. Horvitz		
				Art Unit	Unknown		
(Use as many sheets as necessary)			icessary)	Examiner Name	Unknown		
Sheet	3	of	3	Attorney Docket Number	MS127735.2/MSFTP263USA		

		NON PATENT LITERATURE DOCUMENTS	
Examiner nitials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
IW		J. PLATT, Fast Training of Support Vector Machines Using Sequential Minimal Optimization, in Advances in Kernal Methods: Support Vector Learning, 1999, MIT Press, Cambridge, MA	
IW		J. PLATT, Probabilistic Outputs for Support Vector Machines and Comparison to Regularized Likelihood Methods, in Advances in Large Margin Classifiers, 1999, MIT Press, Cambridge, MA	
IW		M. SAHAMI, et al., A Bayesian Approach to Filtering Junk E-Mail, in Workshop on Learning for Text Categorization, AAAI Technical Report WS-98-05, 1998, American Association for Artificial Intelligence, AAAI	

Examiner	/Isaac Woo/	Date Considered	08/03/2006
Signature	, 25440 1100,	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08a (08-03) Approved for use through 07/31/2006, OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE ersons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449 **Application Number** 10/620,116 SUPPLEMENTAL INFORMATION Filing Date 7/15/2003 **DISCLOSURE STATEMENT** First Named Inventor Eric Horvitz **BY APPLICANT** Art Unit 2142

5

Examiner Name

(Use as many sheets as necessary) 1

Sheet

Attorney Docket Number MS127735.2/MSFTP263USA

Unknown

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
IW		US- 6,513,046	01-28-2003	Abbott, III et al.	······································
IW		US- 6,747,675	06-08-2004	Abbott et al.	
IW		US- 6,801,223	10-05-2004	Abbott et al.	
IW		<sup>US-</sup> 6,842,877	01-11-2005	Robarts et al.	
IW		US- 6,466,232	10-15-2002	Newell et al.	
IW		<sup>US-</sup> 6,549,915	04-15-2003	Abbott, III et al.	
IW		<sup>US-</sup> 6,791,580	09-14-2004	Abbott et al.	
IW		US- 6,812,937	11-02-2004	Abbott et al.	
IW		<sup>US-</sup> 2001/0040591	11-15-2001	Abbott et al.	
IW		US- 2001/0043232	11-22-2001	Abbott et al.	
IW		US- 2002/0044152	04-18-2002	Abbott, III et al.	
IW		US- 2002/0052963	05-02-2002	Abbott et al.	
IW		US- 2002/0054174	05-09-2002	Abbott et al.	
IW		US- 2002/0080155	06-27-2002	Abbott et al.	
IW		US- 2002/0083025	06-27-2002	Robarts et al.	
IW		US- 2002/0087525	07-04-2002	Abbon et al.	
IW		<sup>US-</sup> 2003/0046401	03-06-2003	Abbott et al.	
IW		US- 2005/0034078	02-10-2005	Abbott et al.	

	FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>2</sup> Number <sup>4</sup> Xind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	™			
***************************************					***************************************	lacksquare			
********************						t			
*******************		······································				F			

Examiner		Date	1
Signature	/Isaac Woo/	Considered	08/03/2006
L-18.1	/ IBaac Noo/	OO I SIGUE CO	00/03/2000

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 07/31/2006, OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Attorney Docket Number | MS127735.2/MSFTP263USA

Under the Pagerwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449A/PTO **Application Number** 10/620,116 SUPPLEMENTAL INFORMATION Filing Date 7/15/2003 **DISCLOSURE STATEMENT** First Named Inventor Eric Horvitz BY APPLICANT Art Unit 2142 Examiner Name Unknown (Use as many sheets as necessary)

5

2

Examiner	Cite	Document Number	U. S. PATENT Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	Cite No.	Number-Kind Code <sup>2 (F known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
IW		US- 2001/0040590	11-15-2001	Abbott et al.	
IW		US- 2001/0043231	11-22-2001	Abbott et al.	
IW		US- 2002/0032689	03-14-2002	Abbott, III et al.	
IW		US- 2002/0052930	05-02-2002	Abbott et al.	
IW		US- 2002/0054130	05-09-2002	Abbott, III et al.	
IW		US- 2002/0078204	06-20-2002	Newell et al.	
IW		US- 2002/0080156	06-27-2002	Abbott et al.	
IW		US- 2002/0083158	06-27-2002	Abbott et al.	
IW		US- 2002/0099817	07-25-2002	Abbott et al.	
IW		US- 2003/0154476	08-14-2003	Abbott, III et al.	
IW		<sup>US-</sup> 5,812,865	09-22-1998	Theimer et al.	
IW		<sup>US-</sup> 5,555,376	09-10-1996	Theimer et al.	
IW		<sup>US-</sup> 5,611,050	03-11-1997	Theimer et al.	
IW		<sup>US-</sup> 5,544,321	08-06-1996	Theimer et al.	
IW		US- 5,603,054	02-11-1997	Theimer et al.	
IW		<sup>US-</sup> 5,493,692	02-20-1996	Theimer et al.	
		TV0			
		US-			

	FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>1</sup> Number <sup>4</sup> 'Kind Code <sup>5</sup> ( <i>If known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Τ°			
	_		*************************						
			Manas		***************************************				
					*************************************				
		······································	)*************************************		**************************************				
						<u>L</u>			

Examiner Signature /Isaac Woo/ Date Considered 08/03/2006

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitut	te for form 1449/PT	0			Complete if Kn wn	
	PLEMENT	-		Application Number	10/620,116	
INFO	ORMATIO	N DIS	CLOSURE	Filing Date	7/15/2003	
STATEMENT BY APPLICANT				First Named Inventor	Eric Horvitz	
	//	- <b>h</b> 4		Art Unit	2142	
(Use as many sheets as necessary)				Examiner Name	Unknown	
Sheet	3	of	5	Attorney Docket Number	MS127735.2/MSFTP263USA	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
IW		ANDY HARTER, et al., A Distributed Location System for the Active Office, IEEE Network, 1994, pp. 62-70.	
GUANLING CHEN, et al., A Survey of Context-Aware Mobile Computing Research, Dartmouth Computer Science Technical Report, 2000, 16 pages.		GUANLING CHEN, et al., A Survey of Context-Aware Mobile Computing Research, Dartmouth Computer Science Technical Report, 2000, 16 pages.	
IW		WILLIAM NOAH SCHILT, A System Architecture for Context-Aware Mobile Computing, Columbia University, 1995, 153 pages.	
IW		MIKE SPREITZER, et al., Providing Location Information in a Ubiquitous Computing Environment, SIGOPS '93, 1993, pp.270-283.	
IW	IW MARVIN THEIMER, et al., Operating System Issues for PDAs, In Fourth Workshop on Worksta Operating Systems, 1993, 7 pages.		
IW		ROY WANT, Active Badges and Personal Interactive Computing Objects, IEEE Transactions on Consumer Electronics, 1992, 11 pages, Vol. 38 - No. 1.	
IM		BILL N. SCHILIT, et al., The ParcTab Mobile Computing System, IEEE WWOS-IV, 1993, 4 pages.	
IW		BILL SCHILIT, et al., Context-Aware Computing Applications, In Proceedings of the Workshop on Mobile Computing Systems and Applications, December 1994. pp. 85-90.	
IW		BILL N. SCHILIT, et al., Customizing Mobile Applications, Proceedings USENIX Symposium on Mobile and Location Independent Computing, August 1993, 9 pages.	
IW		MIKE SPREITZER, et al., Architectural Considerations for Scalable, Secure, Mobile Computing with Location Information, In The 14th International Conference on Distributed Computing Systems, June 1994, pages 29-38.	

Examiner	/Isaac Woo/	Date	08/03/2006
Signature	/ 15440 1100/	Considered	00/03/2000

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chlef Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTC/SB/08B (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitut	te for form 1449/PTO			Complete If Known		
SUP	PLEMENTA	۱L		Application Number	10/620,116	
INF	DRMATION	I DIS	CLOSURE	Filing Date	7/15/2003	
STATEMENT BY APPLICANT				First Named Inventor	Eric Horvitz	
	(Use as many shi	eete oe n	ecessond	Art Unit	2142	
(eee 25 many 25 not 25				Examiner Name	Unknown	
Sheet	4	of	5	Attorney Docket Number	MS127735.2/MSFTP263USA	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
IW		MIKE SPREITZER et al., Scalable, Secure, Mobile Computing with Location Information, Communications of the ACM, July 1993, 1 page, Vol. 36 - No. 7.	
IM		ROY WANT, et al., The Active Badge Location System, ACM Transactions on Information Systems, January 1992, pp. 91-102, Vol. 10 - No. 1.	
IW		MARK WEISER, Some Computer Science Issues in Ubiquitous Computing, Communications of the ACM, July 1993, pp. 75-84, Vol. 36 - No. 7.	
IW		M. BILLINGHURST, et al., An Evaluation of Wearable Information Spaces, Proceedings of the Virtual Reality Annual International Symposium, 1998, 8 pages.	
IW		BRADLEY J. RHODES, Remembrance Agent: A continuously running automated information retrieval system, The Proceedings of The First International Conference on The Practical Application Of Intelligent Agents and Multi Agent Technology, 1996, pp. 487-495.	
IW		ERIC HORVITZ, et al., In Pursuit of Effective Handsfree Decision Support: Coupling Bayesian Inference, Speech Understanding, and User Models, 1995, 8 pages.	
IW		BRADLEY J. RHODES, The Wearable Remembrance Agent: A System for Augmented Theory, The Proceedings of The First International Symposium on Wearable Computers, October 1997, pp. 123-128.	
IW		ERIC HORVITZ, et al., Attention-Sensitive Alerting in Computing Systems, Microsoft Research, August 1999.	
IW		BILL N. SCHILIT, et al., Disseminationg Active Map Information to Mobile Hosts, IEEE Network, 1994, pages 22-32, Vol. 8 - No. 5.	
IW		MARK BILLINGHURST, et al., Wearable Devices: New Ways to Manage Information, IEEE Computer Society, January 1999, pp. 57-64.	

_				
1 6	Examiner		Date	
•		/	Date	
1.5	Signature	/Isaac Woo/	Considered	1 00/02/2006
Ľ	9		Considered	08/03/2006

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is ettached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

	U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995,	no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitut	te for form 1449/PTO				C mplete if Known
SUP	PLEMENTA	۱Ļ		Applicati n Number	10/620,116
INFO	DRMATION	I DIS	CLOSURE	Filing Date	7/15/2003
STATEMENT BY APPLICANT				First Named Inventor	Eric Horvitz
	(Use as many she	ete se n	erecani	Art Unit	2142
,				Examiner Name	Unknown
Sheet	5	of	5	Attorney Docket Number	MS127735.2/MSFTP263USA

Examiner	Cite	NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of	
Initials*	No.1	the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
IW		THAD EUGENE STARNER, Wearable Computing and Contextual Awareness, Massachusetts Institute of Technology, June 1999, 248 pages.	
IW		BRADLEY J. RHODES, The Wearable Remembrance Agent: A System for Augmented Memory, Personal Technologies Journal Special Issue on Wearable Computing, 1997, 12 pages.	
IW		Workshop on Wearable Computing Systems, August 19-21, 1996.	
IW		MARK BILLINGHURST, Research Directions in Wearable Computing, University of Washington, May, 1998, 48 pages.	
IW		Mark Weiser, The Computer for the 21st Century, Scientific American, September 1991, pp. 94-104, Vol. 265 - No. 3.	
		·	
	,		
			-

Examiner	/Isaac Woo/	Date	08/03/2006
Signature	/ISAAC NOO/	Considered	08/03/2006

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature

/Isaac Woo/

PTC/SB/08A (08-03)

Approved for use through 07/31/2064 (08-03)

Approved for use through 07/31/2064 (08-03)

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Umder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unitss it contains a valid OMB control number.

Substitute for form 1449/PTO

Complete if Known Application Number 10/620,116 SUPPLEMENTAL Fling Date 07/15/2003 INFORMATION DISCLOSURE First Named Inventor Eric Horvitz STATEMENT BY APPLICANT Art Unit 2142 (Use as many sheets as necessary) Examiner Name Unknown Attorney Docket Number | MS127736.02/MSFTP263USA of 1 Sheet 1

U. S. PATENT DOCUMENTS Name of Petenbee or Pages, Columns, Lines, Where Elganine Document Number Publication Date MM-DD-YYYY Applicant of Cited Occument Relevant Passages or Relevant No. initials\* Floures Appear Number-Kind Code PA US- 6.408,277 06-18-2002 Nelken IW USile. U.S US us-ΠQ US-US-บร US-115 US-US-U8-US US-

		FOREI	<b>GN PATENT DOCU</b>	MENTS		
Examiner Initials*	Cite No.1	. · · · · · · · · · · · · · · · · · · ·	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Rolovant Passages Or Relevant Figures Appear	
	<u> </u>		MM-DD-YYYY			T
	<u> </u>				· ·	┡
	-					╄
· · · · · ·	├		<del></del>		•	₩
	├		<del></del>			ഺ
	<u> </u>	L <u></u>		<u> </u>		
Examiner	7	<u> </u>		Date		

"EXAMINER: billial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant's unique citation designation number (optional). "See Kinds Codes of USPTO Patent Documents at <a href="https://www.ispin.gov">www.ispin.gov</a> or MPEP 901.04. "Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). "For Japanese patent documents, the indication of the type of the retain of the English and ST.16 if possible. "Applicant is to place a check mark here if English language Translation is attached.

Considered

08/03/2006

Transistors is anteriod.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will very depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Tradement Office. P.D. 80x 1450. Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THUS ADDRESS. BEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Sheet 1

PTO/SB/08A (08-03)
Approved for use through 07/31/2006. ONB 0851-0031
U.S. Petent and Tradement Office; U.S. DEPARTMENT OF COMMERCE
to a collection of information unless it contains a valid QMB control number.

Under the Paparwork Reduction Act of 1995, no parsone are required to respond

## Substitute for form 1449/PTO SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use so many sheets as necessary)

or 1

Complete if Known						
Application Number	10/620,116					
Filing Date	07/15/2003					
First Named Inventor	Eric Horvitz					
Art Unit	2142					
Examiner Name	Unknown					
Attorney Docket Number	MS127735 02/MSFTP263USA					

'			U. S. PATEN	DOCUMENTS	
Examiner Initials*	Cile No.1	Document Number  Number+Grid Code <sup>2 (7 learned)</sup>	Publication Date MM-DD-YYYY	Nama of Patentoo or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
TW		<sup>US-</sup> 6,396,513	05-28-2002	Helfman, et al.	
IW		<sup>US-</sup> 2002/007356	01-17-2002	Rice, et al.	
		us-			
	/	US-			
		DE			
		US-			
		US-			<del></del>
		US-			
		U8-			<del>-</del>
		nà-			
		US-			
		US-			
•		us.			
		U8-			
		US-	-		
		US			
		US-	+		<del>  \                                   </del>
		US-	<del>- </del>	<del></del>	+
		∪s <b>.</b>	<del></del>		+

		FORE	IGN PATENT DOCU	MENTS		
Examiner Initials*	OIC.	Foreign Patent Document	Publication Date	Name of Patenies or Applicant of Cited Document	Pages, Columns, Unes, Where Relevent Passages	Г
		Country Code <sup>3</sup> Number <sup>4</sup> 'Rind Code <sup>3</sup> (# known)	MM-DD-YYYY		Or Relevent Figures Appear	1
						L
						L
						L
			į i			

Signature /Isaac Woo/ Considered 08/03/2006

EXAMINER: Initial if reference considered, whether or not oldedon is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. "Applicant's unique citation designation number (optional)." See Kinds Codes of USPTO Patent Documents at when unique or MPEP 901.04. "Enter Office that Issued the document, by the two-lotter code (WIPO Standard ST.3)." For Japanese potent documents, the indication of the year of the reign of the Emperor must proceed the serial number of the patent document. "Kind of document by the empropriate symbols as indicated on the document under WIPO Standard ST.16 if possible." Applicant is to piece a check mark here if English language

Transistion is strached.

This collection of Information is required by 37 CFR 1.97 and 1.98. The tridermation is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentially is governed by 36 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gethering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the smount of time you require to complete this form arridor suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-788-9199) and select option 2.

PTO/SB/08a (08-03) Approved for use through 07/31/2006, OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE use the first operation and the first op

## Complete if Known Substitute for form 1449A/PTO **Application Number** 10/620,116 SUPPLEMENTAL INFORMATION Filing Date July 15, 2003 **DISCLOSURE STATEMENT** First Named Inventor Eric J. Horvitz **BY APPLICANT** Art Unit 2142 **Examiner Name** Unknown (Use as many sheets as necessary) Attorney Docket Number MS127735.02 / MSFTP263USA Sheet

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (/ known)</sup>	Publication Date MM-DD-YYYY	Name of Patentes or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
IW		US- 6,557,036	04-29-2003	Kavacheri et al.	
IW		US- 6,421,709	07-16-2002	McCormick et al.	
IW		US- 6,147,977	11-14-2000	Thro et al.	
IW		US- 6,144,942	11-07-2000	Ruckdashel	
IW		us- 5,995,597	11-30-1999	Woltz et al.	
IW		US- 6,195,533	02-27-2001	Tkatch et al.	
IW		US- 6,216,165	04-10-2001	Woltz et al.	
IW		US- 6,233,430	05-15-2001	Helferich	
IW		US- 6,317,592	11-13-2001	Campana, Jr. et al.	
IW		<sup>US-</sup> 6,161,130	12-12-2000	Horvitz et al.	
IW		US- 6,101,531	08-08-2000	Eggleston et al.	
IW		US- 6,212,265	04-03-2001	Duphorne	
IW		US- 5,978,837	11-02-1999	Foladare et al.	
IW		US- 6,185,603	02-06-2001	Henderson et al.	
IW		US- 6,421,708	07-16-2002	Bettis	
IW		US- 6,189,027	02-13-2001	Haneda et al.	
IW		US- 6,424,995	07-23-2002	Shuman et al.	
IW		US- 6,442,589	08-27-2002	Takahashi et al.	

	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> Number <sup>4</sup> Wind Code <sup>5</sup> (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Τ <sup>4</sup>		
IW	<u> </u>	WO 98/00787	01-08-1998	Manuel Zahariev				
****************								
	<u> </u>					Г		
	L							

Examiner	_	Date	
<ul> <li>Signature</li> </ul>	/Isaac Woo/	Considered	09/03/2006
	/ 15aac 1100/	CONSIDERED	08/03/2006

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw tine through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as Indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND T: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08a (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

	Substitute for form 1449A/PTO			Complete if Known			
				Application Number	10/620,116		
•	PPLEMENTAL INFOR			Filing Date	July 15, 2003		
DIS	CLOSURE STATEME	NT		First Named Inventor	Eric J. Horvitz		
BY A	APPLICANT			Art Unit	2142		
	(Use as many sheets	as necessary)		Examiner Name	Unknown		
Sher	2	of	4	Attorney Docket Number	MS127735.02 / MSFTP263USA		

Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.1	Number-Kind Code <sup>2 (f known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
IW		<sup>US-</sup> 6,370,526	04-09-2002	Agrawal et al.	
IW		US- 6,513,026	01-28-2003	Horvitz et al.	
IW		<sup>US-</sup> 6,490,574	12-03-2002	Bennett et al.	
IW		US- 6,553,358	04-22-2003	Horvitz	
IW		US- 6,282,565	08-28-2001	Shaw et al.	
IW		US- 5,694,616	12-02-1997	Johnson et al.	
IW		US- 5,974,465	10-26-1999	Wong	
IW		US- 5,377,354	12-27-1994	Scannell et al.	
IW		<sup>US-</sup> 5,077,668	12-31-1991	Miwako Doi	
		US-			
		08	_		
		US-			

	FOREIGN PATENT DOCUMENTS									
Examiner Initials*	Cite No.	Foreign Patent Document  Country Code* Number* Kind Code* (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>				
					or resevant rigares reposi	厂				
······										
	<b></b>			***************************************	······					
		***************************************	) ( <del>1000)</del> ( 0100) ( 1 1000) ( 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							
L						_				

Examiner Date Signature Signature /Isaac Woo/ | Considered | 08/03/2006
\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not Considered

considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND T: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

## Substitute for form 1449B/PTO **SUPPLEMENTAL** INFORMATION DISCLOSURE STATEMENT BY APPLICANT

4

(Use as many sheets as necessary)

Sheet

	Complete if Known	
Application Number	10/620,116	
Filing Date	July 15, 2003	
First Named Inventor	Eric J. Horvitz	
Art Unit	2142	
Examiner Name	Unknown	
Attorney Docket Number	MS127735.02 / MSFTP263USA	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
IW		International Search Report dated September 22, 2003 mailed September 29, 2003 for PCT Application Serial No. PCT/US00/20685, 4 pages.	
IW	*************	ROBERT M. LOSEE, JR., Minimizing Information Overload: The Ranking of Electronic Messages, Journal of Information Science, 1989, pp. 179-189, Vol. 15, Issue 3.	- Ptotan
IW		THORSTEN JOACHIMS, Text Categorization with Support Vector Machines: Learning with Many Relevant Features, 1998, 14 pages.	*******
IW		KENRICK MOCK, An Experimental Framework for Email Categorization and Management, Proceedings of the 24th Annual ACM SIGIR Conference, September 9-12, 2001, pp. 392-393, New Orleans, Louisiana, USA.	
TW		GARY BOONE, Concept Features in Re: Agent, an Intelligent Email Agent, Proceedings of the 2nd International Conference on Autonomous Agents, 1998, pp. 141-148, Minneapolis, MN, USA.	
IW		ELISABETH CRAWFORD et al., An Intelligent Interface for Sorting Electronic Mail, Proceedings of the 7th International Conference on Intelligent User Interfaces, January 13-16, 2002, pp. 182-183, San Francisco, California, USA.	
IW		DAVID HECKERMAN, A Tutorial on Learning With Bayesian Networks, Microsoft Research, November 1996, 57 pages.	
IW		WILLIAM W. COHEN, Learning the Rules that Classify E-Mail, AAAI Spring Symposium on ML and IR, 1996, accessed at http://www.cs.cmu.edu/-wcohen/postscript/aaai-ss-96.ps, 8 pages.	
IW		DAVID D. LEWIS, Evaluating and Optimizing Autonomous Text Classification Systems, International ACM-SIGIR Conference on Research and Development in Information Retrieval, 1995, pp. 246-254.	
IW		DAVID D. LEWIS et al., Training Algorithms for Linear Text Classifiers, SIGIR'96, 1996, 9 pages.	

<i>-</i>			
Examiner Signature	/Isaac Woo/	Date Considered	08/03/2006

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy or this form with next communication to applicants.

Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of Information is required by 37 CFR 1.97 and 1.98. The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND T : Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO Complete if Known Application Number SUPPLEMENTAL 10/620,116 Filing Date INFORMATION DISCLOSURE July 15, 2003 First Named Inventor STATEMENT BY APPLICANT Eric J. Horvitz Art Unit 2142 Examiner Name (Use as many sheets as necessary) Unknown Sheet Attorney Docket Number MS127735.02 / MSFTP263USA

		NON PATENT LITER	ATURE DOCUMENTS				
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T²	
IW		CHIDANAND APTE et al., Automated Learning of Decision Rules for Text Catergorization, ACM Transactions on Information Systems (TOIS), 1994, pp. 233-251, Vol. 12, Issue 13.					
IM	•	STEWART FORSCHER, CyberNag (Mailmen Divi http://www.cc.gatech.edu/computing/classes/cs3302 2004, 14 pages.					
						ļ	
			2024 074 5 7 5 6 6 6 72 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	******************************			
•	***************************************			#1 54 s Lalines son 60 mm ; ****** 00 mm ; ******************		<u> </u>	
*****************	***************************************			***************************************			
Examiner Signature	<b></b>	/Isaac Woo/		Date Considered	08/03/2006		

<sup>\*</sup>EXAMINER: Initial If reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND T: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.